

OS/400 E-MAIL SETUP

To be able to send spool entries via E-Mail to Internet users, OS/400 must be set up properly. Below are some OS/400 setup suggestions for OS/400 version 4. For more information contact your E-Mail server's tech support team or IBM.

Sending Mail

To send mail on the AS/400, verify the following steps have been performed.

- 1) Verify the following OS/400 tasks are active:

TCP/IP	STRTCP
SMTP	STRTCPSVR *SMTP
MSF	STRMSF

- 2) Determine the system name of your installation's Mail Server. Verify the AS/400 can communicate to it via TCP/IP. For example:

GO CFGTCP

Select option 10, "Work with TCP host table entries"

Add the E-Mail server if necessary. Note: This is not necessary if DNS is used. Select option 12, "Change TCP/IP domain information" to verify DNS.

PING xxxx (xxxx is the E-Mail server's Host Name)

- 3) Add a special directory entry name:

**ADDIRE USRID(INTERNET GATEWAY) USRD('Send mail') SYSNAME(TCPIP)
MSFSRVLVL(*USRIDX) PREFADR(NETUSRID *IBM ATCONXT)**

- 4) Change your distribution attributes:

CHGDSTA SMTPRTE(INTERNET GATEWAY)

- 5) Change your SMTP attributes:

**CHGSMTPA SYSNAME(TCPIP) MAILROUTER(mail.router.name) FIREWALL(*YES)
FWDHUBSVR(mail.router.name)**

If you have a firewall or proxy server, enter the **mail router** and **firewall** parameters.

mail.router.name is your E-mail server and is in your Host Table (step 2)

Note: The **FWDHUBSVR** parameter applies to V7R1 and later.

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- 6) If changes are made, stop and restart IBM components:

```
ENDTCPSVR *SMTP
ENDMSF
STRTCPSVR *SMTP
STRMSF
```

- 7) Verify your time zone. Enter the following command:

```
WRKSYSVAL QUTCOFFSET
```

Change the value if necessary. Common US time zones are:

	Standard	Daylight Savings
Eastern	-5:00	-4:00
Central	-6:00	-5:00
Mountain	-7:00	-6:00
Pacific	-8:00	-7:00

Note: You must remember to change this value when switching to and from Daylight Savings time.

- 8) To test your setup, use the following OS/400 command to send a test message:

```
SNDDST TYPE(*FILE) TOINET((user@company.com)) DSTD(D1)
      DOCFILE(BRODERICK/BSOSRC) DOCMBR(SPLFA2) DOCTYPE(*FFT)
      SNDFMT(*NOTE)
```

If you do not receive mail as a result of the above command, contact IBM or your network support personnel for assistance.

Preventing Split Messages

As shipped from IBM, OS/400 will split up large outgoing E-mail messages. The split message will appear to most browsers as several messages, each labeled in the message header as message/partial. The problem with this is most E-Mail viewers including Netscape Navigator, Internet Explorer, and Lotus Notes will not properly reassemble message parts back into one large message. To get around this IBM added a POP attribute in version V4R4. Enter the following command:

```
CHGPOPA (Press F4)
```

Change the "Message split size" parameter to *NOMAX. You must end and restart the POP server for the change to take effect (ENDTCPSVR *POP).

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For OS/400 versions prior to V4R4, IBM released PTF **SF37157**, which will cause OS/400's POP server to not split large messages. PTF SF37157 is very simple; to implement it you only need to create a data area. You may look up PTF SF37157 or enter the following command:

CRTDTAARA QUSRSYS/QTMSNOSPLT TYPE(*CHAR)

You must end and restart the POP server for the change to take effect (ENDTCPSVR *POP).